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EP 0 907 262 A3 (11)

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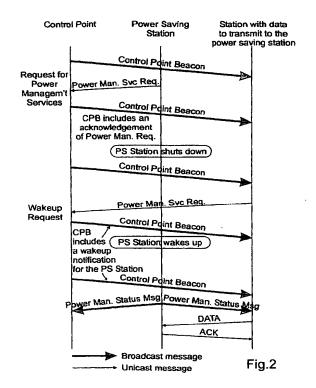
EUROPEAN PATENT APPLICATION

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- Power management method for use in a wireless local area network (LAN) (54)
- (57)In a wireless network containing battery powered stations, one station is designated as a control point (CP). Each of the remaining stations has two operating modes: an active mode in which it receives and transmits messages, and an inactive or sleep mode which incurs reduced power consumption. The Control Point periodically transmits a beacon signal, and each station switches to its active mode to receive at least some of these beacon signals. A beacon signal may indicate that data is available for transmission to a particular station (from another station), in which case that particular station then broadcasts a message to indicate that it is awake and can receive messages. A beacon signal also indicates whether a broadcast period is in progress, and time to elapse until a next possible broadcast period will commence; if the Control Point has previously received and stored any broadcast messages it will re-broadcast them during the next following broadcast period and the remaining stations will react by remaining in active mode for the duration of that period.





EUROPEAN SEARCH REPORT

Application Number EP 98 30 7654

Category	Citation of document with inc	dication, where appropriate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (int.Cl.6)	
A	SIVALINGAM K M ET AL access protocols for networks" VEHICULAR TECHNOLOGY IEEE 47TH PHOENIX, A NEW YORK, NY, USA, IE 4 May 1997 (1997-05 XPO10229012 ISBN: 0-7803-3659-3 * abstract * * paragraph '0003! *	 	H04B7/005 H04Q7/38 H04L12/28		
	US 5 371 734 A (FISC 6 December 1994 (199 * abstract * * column 5, line 9 -	4-12-06)	1-5		
	US 5 583 866 A (DEMA 10 December 1996 (19 * abstract * * column 2, line 20 * column 6, line 24 * column 20, line 12	96-12-10) - column 3, line 10 * - column 7, line 2 *	1-5	TECHNICAL FIELDS SEARCHED (Int.CI.6)	
	WO 90 06633 A (DALLA: 14 June 1990 (1990-00 * abstract * * page 36, line 9 - p	1-5	H04L		
	The present search report has bee	on drawn up for all claims	1		
	Place of search	Date of completion of the search		Examiner	
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X : particu Y : particu docum A : techno O : non-w	EGORY OF CITED DOCUMENTS liarly relevant if taken alone larly relevant if combined with another ent of the same category logical background ritten disclosure ediate document	T : theory or principle t E : earlier patent cocu after the filing date D : document cited in L : document cited for	underlying the in ment, but publish the application other reasons	evention ned on, or	

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ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 98 30 7654

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

16-09-2002

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

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